

ANTI-ROLL VEHICLE SUSPENSION

ABSTRACT OF THE DISCLOSURE

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An antiroll suspension for a vehicle chassis having laterally spaced wheels, the suspension comprises an axle assembly for rotatably mounting each of a pair of laterally spaced wheels, a spring assembly supporting the chassis on each of the axle assemblies, a moveable arm connected between the spring and the chassis, and an anti roll linkage
10 connected between said chassis and the moveable arm of the axles of the suspension system being responsive to a lateral force on said chassis, and structured to translate lateral force on the chassis to a vertical force on the down force side of the chassis so that the anti roll linkage simultaneously lift the down force side of the vehicle and lower the up force side of the vehicle.